

And what is still more, he is constantly improving his lenses without adding to their expense.

The lower powers of these makers were examined without finding any sensible difference in the defining effects of them, and what little there was, was in favour of Spencer. The field of the three differed, Nachez's being the least, and Spencer's the greatest. We cannot bestow too much praise on our American maker, for the immense progress which he has made in the construction of objective lenses, and it is to be regretted that he has not chosen a better mounting for them than that of Chevalier, which is very defective and prevents good glasses from showing their best effects.

I had intended making some remarks on oblique light, which has come very much in use lately in observing lines and points on certain objects, but it will be better for me to defer it. I would simply remark that much caution is necessary in using it, as it will not always give correct distances between lines.—*Ib.* No. 32, March 1851.

ANTIOPE CRISTATA.

To the British localities mentioned by Mr. Hancock in last month's Number may be added Langland Bay near Swansea, where my friend, Mr. Moggridge, took a fine specimen in the summer of 1849. It is noticed and figured in that year's Report of the Swansea Literary and Scientific Society under the last recorded name of "*Antiope splendida*."—J. GWYN JEFFREYS, July 6th, 1851.

METEOROLOGICAL OBSERVATIONS FOR JUNE 1851\*.

*Chiswick*.—June 1, 2. Very fine. 3. Fine: cloudy. 4. Cloudy: fine: clear: cold at night. 5. Densely clouded: rain. 6. Boisterous: cloudy and fine. 7. Densely overcast: slight rain. 8. Boisterous. 9. Drizzly. 10. Uniformly overcast: rain. 11. Very fine. 12. Densely clouded: showers. 13. Overcast: densely clouded: rain. 14. Fine: heavy clouds: slight rain. 15. Cloudy: rain. 16. Boisterous. 17. Cloudy and fine. 18. Very fine: boisterous. 19—21. Very fine. 22. Cloudy: clear. 23. Fine: clear and cold at night. 24, 25. Very fine. 26, 27. Hot and very dry. 28, 29. Hot and dry. 30. Slightly clouded.

Mean temperature of the month .....	59°·21
Mean temperature of June 1850 .....	59°·26
Mean temperature of June for the last twenty-five years .	60°·72
Average amount of rain in June .....	1·80 inch.

*Boston*.—June 1, 2. Fine. 3. Fine: rain P.M. 4. Fine. 5—7. Cloudy: rain A.M. and P.M. 8. Cloudy. 9, 10. Cloudy: rain P.M. 11. Fine. 12. Cloudy: rain A.M. 13. Cloudy: rain P.M. 14. Fine. 15. Fine: rain P.M. 16. Cloudy: stormy. 17. Fine: stormy. 18—20. Cloudy. 21. Fine: thunder and lightning, with rain and hail P.M. 22—25. Cloudy. 26—30. Fine.

*Sandwich Manse, Orkney*.—June 1. Bright: showers. 2. Bright: rain. 3. Clear. 4. Showers: fine. 5. Fine: showers. 6. Fine: clear. 7. Bright: fine. 8. Rain: hazy. 9. Showers: clear. 10. Showers: damp. 11. Showers. 12. Clear: fine. 13. Bright: fine. 14. Fine: hazy. 15. Rain. 16. Rain: drizzle. 17. Showers: clear. 18. Fine: drizzle. 19. Showers: hazy. 20. Fine: clear. 21. Bright: showers. 22. Cloudy. 23. Bright: drizzle. 24. Cloudy. 25. Bright: damp. 26. Cloudy: clear. 27, 28. Clear: fine. 29, 30. Hot: fine.

\* The observations from the Rev. W. Dunbar of Applegarth Manse have not reached us.